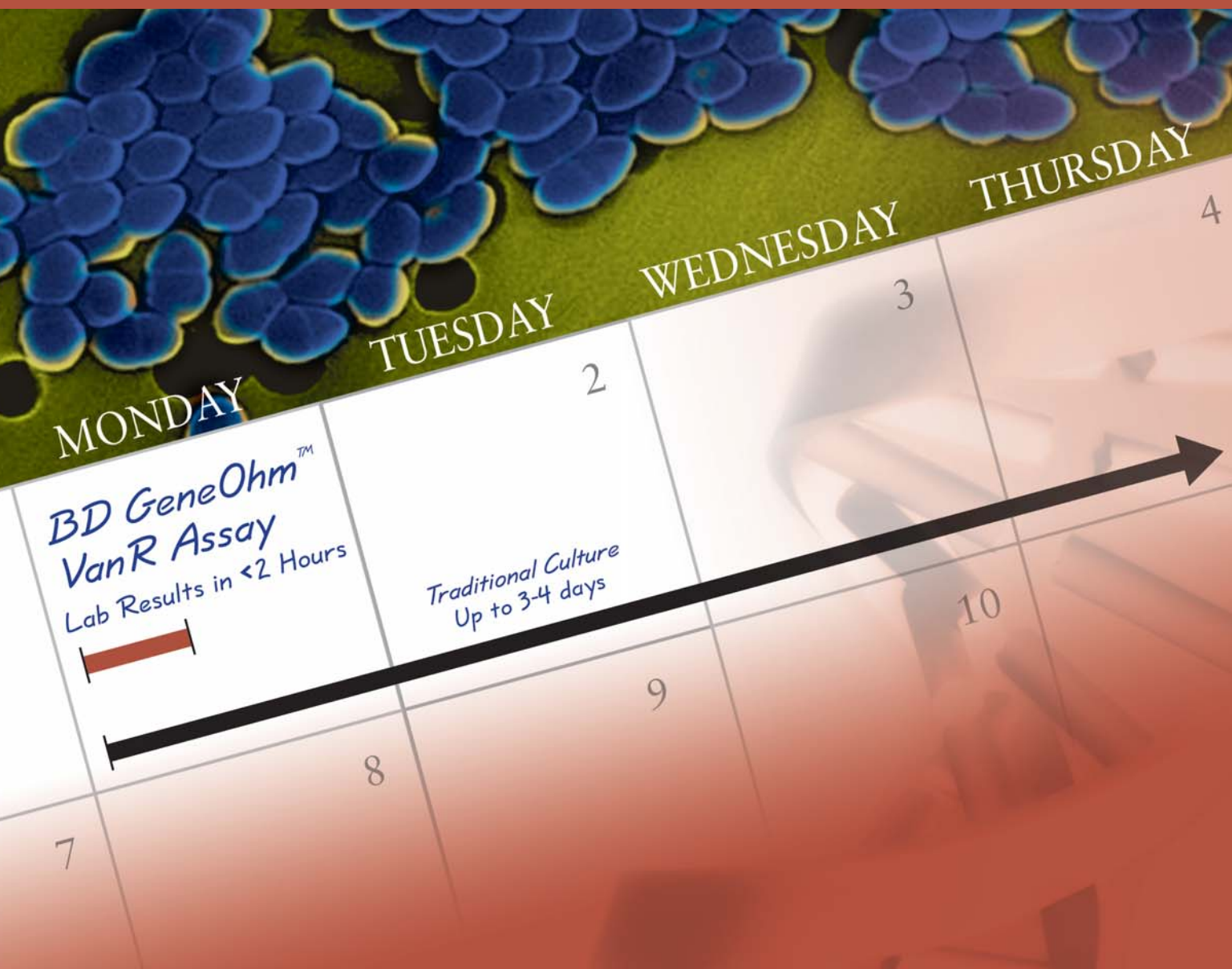


BD GeneOhm™ VanR Assay

Identification of vancomycin resistance in less than 2 hours



In 2004, 28.5% of enterococcal healthcare acquired infections (HAIs) in patients in the ICU were vancomycin resistant. From 1998-2003, the percentage of enterococcal HAIs due to vancomycin resistant enterococci increased by 12%.¹

"Published estimates of the attributable cost of VRE bacteremia have ranged from \$18,000 to \$79,559."²

"The BD GeneOhm™ VanR assay is considerably faster than culture."³



Helping all people
live healthy lives

¹ National Nosocomial Infections Surveillance (NNIS) System Report, data summary from January 1992 through June 2004, issued October 2004. AJIC 2004, 32: 470-85

² Muto C, Giannetta E et.al. Cost-effectiveness of perirectal surveillance cultures for controlling vancomycin-resistant enterococcus. Infect Control Hosp Epidemiology 2002; 23:429-235

³ Stamper, et al., Comparison of the BD GeneOhm™ VanR Assay to Culture for Identification of Vancomycin-Resistant Enterococci in Rectal and Stool Specimens. J Clin Micro 2007, 45: 3360-3365

*The BD GeneOhm™ line
of products has been
developed to help improve
patient outcomes by
delivering cost-effective,
rapid molecular solutions
for the prevention and
identification of
healthcare-associated
infections (HAIs).*

BD GeneOhm™ VanR Assay

Assay Features:

- Lab results in <2 hours for vancomycin resistance
- Aids in the rapid identification and differentiation of both vanA and vanB genes direct from perianal and/or rectal swabs
 - vanA and vanB are clinically relevant genes associated with vancomycin-resistant enterococci.
 - These genes are transferrable from organism to organism.⁴
- Simple, user-friendly work flow
 - Less time and labour required when compared to traditional culture methods.

Clinical Advantages:

- Rapid identification of vancomycin-resistant organisms
- Facilitates early infection control intervention to prevent transmission and infection
- Prevention of VRE transmission and infection can save healthcare costs by decreasing hospital length of stay and the need for contact precautions

“VRE infections are important because of rapid spread, prolongation of hospital stay, greater difficulty achieving satisfactory therapy, and higher attributable mortality.”⁵

The BD GeneOhm™ VanR Assay is the latest addition to our expanding menu of assays, extending our ability to help you identify and prevent HAIs.



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⁴ Cetinkaya, Y et al, Vancomycin Resistance Enterococci. Clin Micro Reviews, October 2000: 685-707

⁵ Muto C, Giannetta E et.al. Cost-effectiveness of perirectal surveillance cultures for controlling vancomycin-resistant enterococcus. Infect Control Hosp Epidemiology 2002; 23:429-235